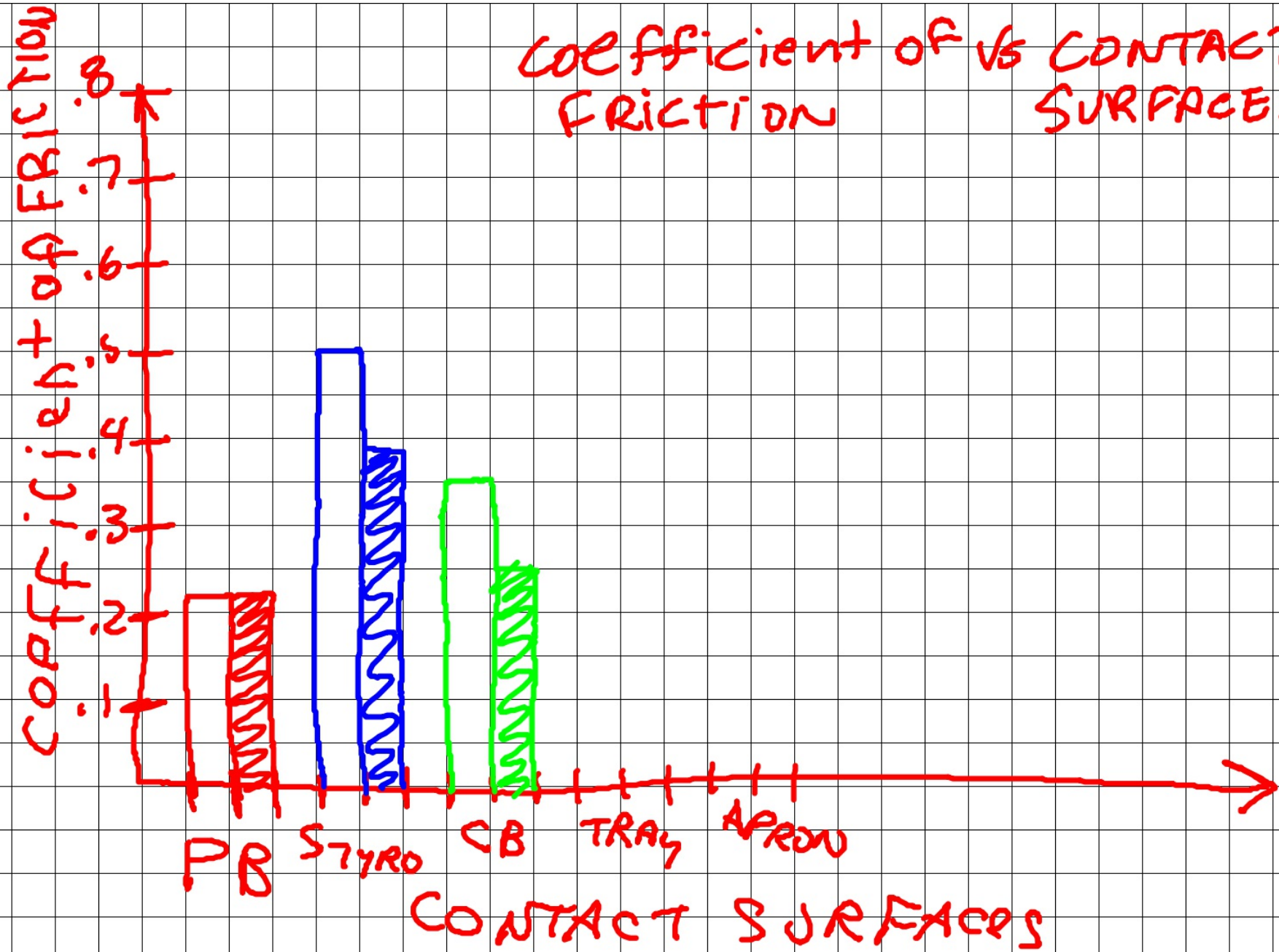


COEFFICIENT OF VS CONTACT SURFACES



FREE BODY DIAGRAM (FBD)

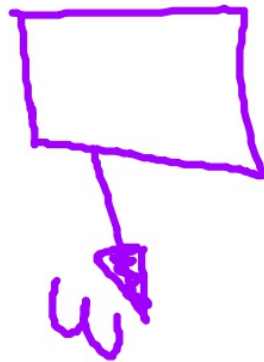
A BODY (BOX) WHICH
SHOWS ALL OF THE
EXTERNAL FORCE

THE BODY/OBJECT
WILL BE A BOX

FORCE IS A PUSH OR PULL
ON AN OBJECT

FORCES ARE VECTORS
MEASURED IN Newtons.

① Weight^[W] - The result of gravity
ON AN OBJECT



② NORMAL FORCE [N]
REACTANT FORCE THAT
OPPOSES the weight

- NORMAL FORCE IS \perp
Perpendicular to the
SURFACE.
- NORMAL FORCE DOES NOT
ALWAYS EQUAL weight.



NO SURFACE NO NORMAL
FORCE